

**What Is Claimed Is:**

1. An LCD device comprising:
  - a TFT substrate including a plurality of pixels of R, G, and B;
  - a color filter substrate that is spaced apart from the TFT substrate;
  - a plurality of column spacers selectively formed on the TFT substrate or on the color filter substrate, the column spacers having a round shape at an upper portion; and
  - a liquid crystal layer injected between the TFT substrate and the color filter substrate.
2. The LCD device as claimed in claim 1, wherein one column spacer is provided for every two pixels.
3. The LCD device as claimed in claim 1, wherein each the plurality of column spacers has a contact area contacting the color filter substrate, the contact area having a semi-spherical shape.
4. The LCD device as claimed in claim 3, wherein the contact area of each of plurality of column spacers has a square shape with at least one protrusion among four sides.
5. An LCD device comprising:
  - a TFT substrate on which a plurality of TFTs and a plurality of pixel electrodes are arranged;

a color filter substrate on which a plurality of color filter patterns are formed, the color filter substrate being spaced apart from the TFT substrate;

a plurality of column spacers formed on the color filter substrate, each of the plurality of column spacers having a round shape at an upper portion and corresponding to two pixel electrodes; and

an LC layer injected between the TFT substrate and the color filter substrate.

6. The LCD device as claimed in claim 5, wherein the plurality of column spacers are arranged in diamond shapes.

7. The LCD device as claimed in claim 6, wherein each of the plurality of column spacers are spaced apart from one another by a width of about 279 to 600 $\mu$ m.

8. The LCD device as claimed in claim 5, wherein each of the plurality of column spacers have a contact area contacting the color filter substrate, the contact area having a plurality of curves.